

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

**1.-106. (Canceled)**

**107. (Previously presented)** A method for modifying the fucosylation pattern of a recombinant glycopeptide comprising an acceptor, said method comprising:

contacting a full-length recombinant glycopeptide with a reaction mixture that comprises a fucose donor moiety and a fucosyltransferase under appropriate conditions *in vitro* to transfer fucose from the fucose donor moiety to the acceptor moiety, such that the glycopeptide has a substantially uniform fucosylation pattern;

wherein said acceptor moiety is Gal $\beta$ 1,4GlcNAc-OR or NeuAca2,3Gal $\beta$ 1,4GlcNAc-OR, wherein R is an amino acid, a saccharide, an oligosaccharide or an aglycon group having at least one carbon atom and is linked to or is part of a glycopeptide, and

wherein said eukaryotic fucosyltransferase is a recombinantly produced FucT-VI corresponding to SEQ ID NO:1 or FucT-VII fucosyltransferase corresponding to SEQ ID NO:2, and wherein said eukaryotic fucosyltransferase lacks a membrane anchoring domain.

**108. (Previously presented)** The method of claim 107, wherein the concentration of said recombinant eukaryotic FucT-VI or FucT-VII fucosyltransferase is at least 1 Unit/ml.

**109. (New)** The method of claim 107 or 108, wherein the fucosyltransferase is FucT-VI.

**110. (New)** The method of claim 107 or 108, wherein the fucosyltransferase is FucT-VII.

111. (New) The method of claim 107 or 108, wherein said full-length recombinant glycopeptide is a clotting factor.
112. (New) The method of claim 111, wherein said clotting factor is selected from the group consisting of Factor VIII and Factor IX.
113. (New) The method of claim 107 or 108, wherein said fucosyltransferase provides at least 2-fold greater fucosylation of said glycopeptide than is achieved under identical conditions using FucT-V.
114. (New) The method of claims 113, wherein said fucosyltransferase is FucT-VI.
115. (New) The method of claim 113, wherein said fucosyltransferase provides at least 4-fold greater fucosylation of said glycopeptide than is achieved under identical conditions using FucT-V.
116. (New) The method of claims 115, wherein said fucosyltransferase is FucT-VI.
117. (New) The method of claim 113, wherein said fucosyltransferase provides at least 8-fold greater fucosylation of said glycopeptide than is achieved under identical conditions using FucT-V.
118. (New) The method of claims 117, wherein said fucosyltransferase is FucT-VI.
119. (New) The method of claim 107 or 108, wherein said recombinant glycoprotein is present at a concentration of at least about 2 mg/ml.